

CGJ5L2X7R1H684K160AA





**Part Number:** [CGJ5L2X7R1H684K160AA](#)

**Manufacturer:** [TDK Corporation](#)

**Description:** CAP CER 0.68UF 50V X7R 1206

**Data sheet:**  [CGJ Series, High Reliability Gen Appl & Mid Voltage Series, High Reliability Gen Appl](#)  
 [CGJ5L2X7R1H684K160AA Character Sheet](#)

**RoHs Status:** Lead free / RoHS Compliant

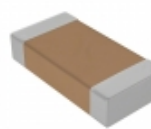
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                  |                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CGJ5L2X7R1H684K160AA                                     | Manufacturer                     | <a href="#">TDK Corporation</a>                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 0.68UF 50V X7R 1206                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 144233 pcs                                               | Data sheet                       | <a href="#">CGJ Series, High Reliability Gen Appl &amp; Mid Voltage Series, High Reliability Gen Appl</a><br><a href="#">CGJ5L2X7R1H684K160AA Character Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                               | Voltage - Rated                  | 50V                                                                                                                                                               |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                     | Thickness (Max)                  | 0.071" (1.80mm)                                                                                                                                                   |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                           | X7R                                                      | Size / Dimension                 | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CGJ                                                      | Ratings                          | COTS                                                                                                                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                         | Package / Case                   | 1206 (3216 Metric)                                                                                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 445-13376-2<br>CGJ5L2X7R1H684KT000N                      | Operating Temperature            | -55°C ~ 125°C                                                                                                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                     |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                        | Lead Spacing                     | -                                                                                                                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                               | Height - Seated (Max)            | -                                                                                                                                                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                        | Failure Rate                     | -                                                                                                                                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.68µF ±10% 50V Ceramic Capacitor X7R 1206 (3216 Metric) | Capacitance                      | 0.68µF                                                                                                                                                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                      | High Reliability                                         |                                  |                                                                                                                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------|---------------------|
|  | Part#: <a href="#">CGJ5L2X7R2A154K160AA</a><br>Description: CAP CER 0.15UF 100V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1A475K160AA</a><br>Description: CAP CER 4.7UF 10V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3X7R1E475K160AB</a><br>Description: CAP CER 4.7UF 25V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1A685K160AA</a><br>Description: CAP CER 6.8UF 10V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3X7R1E335K160AB</a><br>Description: CAP CER 3.3UF 25V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3C0G2D682J160AA</a><br>Description: CAP CER 6800PF 200V C0G 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3X7R1H225K160AB</a><br>Description: CAP CER 2.2UF 50V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1E225K160AA</a><br>Description: CAP CER 2.2UF 25V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1C225K160AA</a><br>Description: CAP CER 2.2UF 16V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1E155K160AA</a><br>Description: CAP CER 1.5UF 25V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1C155K160AA</a><br>Description: CAP CER 1.5UF 16V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R2A474K160AA</a><br>Description: CAP CER 0.47UF 100V X7R 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R2A104K160AA</a><br>Description: CAP CER 0.1UF 100V X7R 1206   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1C475K160AA</a><br>Description: CAP CER 4.7UF 16V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1C335K160AA</a><br>Description: CAP CER 3.3UF 16V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1H474K160AA</a><br>Description: CAP CER 0.47UF 50V X7R 1206   | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3C0G2D822J160AA</a><br>Description: CAP CER 8200PF 200V C0G 1206  | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R1E105K160AA</a><br>Description: CAP CER 1UF 25V X7R 1206      | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L2X7R2A683K160AA</a><br>Description: CAP CER 0.068UF 100V X7R 1206 | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CGJ5L3X7R1H155K160AB</a><br>Description: CAP CER 1.5UF 50V X7R 1206    | Manufacturers: <a href="#">TDK Corporation</a> | <a href="#">RFQ</a> |

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|--------------------------------------------------|----------------------------------|-------------------------------|----------------------------|
| Related keywords for <b>CGJ5L2X7R1H684K160AA</b> |                                  |                               |                            |
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